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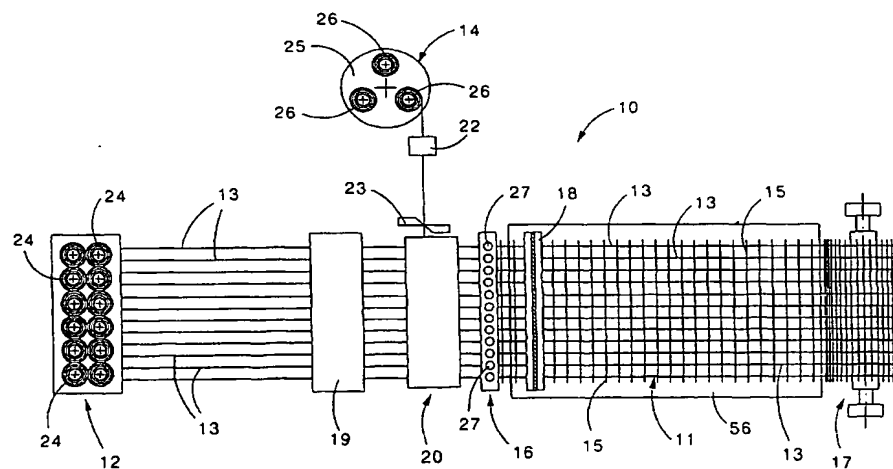
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(54) Title: MACHINE FOR THE FORMATION OF METAL MESH AND RELATIVE METHOD



(57) Abstract: Machine (10) for the formation of a metal mesh (11) obtained by attaching together a plurality of longitudinal metal wires (13) to a plurality of transverse metal wires (15). The machine (10) comprises a first feed assembly (12) to make the longitudinal wires (13) advance step-wise, a second feed assembly (14) to arrange one transverse wire (15) at a time in a first preparation position, a positioning apparatus to arrange the transverse wire (15) in a second attachment position, and a welding assembly (16) to attach the transverse wires (15) to the longitudinal wires (13). The positioning apparatus comprises a loading assembly (30), provided with a gripping and transfer device (31), in order to locate the transverse wire (15) in the second attachment position. The machine (10) also comprises thrust means (33) to take the transverse wire (15) from the first preparation position to a third intermediate pick-up position, near the second attachment position, wherein the transverse wire (15) is picked up by the gripping and transfer device (31). The thrust means (33) comprises a rotary element (52) provided with blade means (54) able to thrust the transverse wire (15) from the first preparation position to the third intermediate pick-up position.

# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	PATENT ABSTRACTS OF JAPAN vol. 1997, no. 01, 31 January 1997 (1997-01-31) -& JP 08 243763 A (SANYO DENKI KK), 24 September 1996 (1996-09-24) abstract	1-3
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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International Appl

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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